

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-14 (cancelled)

15. (new) A pressurization apparatus for biogas, where said pressurization apparatus for pressurizing biogas comprises:

- a biogas inlet pipe having at least a biogas feeding means,

- a biogas outlet pipe having at least a biogas cut-off means,

- a washing water inlet pipe having at least a washing water pressurization device,

- a washing water outlet pipe having at least a cut-off valve,

and is operated according to the following cycle:

- pressurized washing water is fed to the pressurization apparatus containing biogas using said washing water pressurization device of said washing water inlet pipe,

- purified biogas is passed through said cut-off means of said biogas outlet pipe,

- the water level VP in the pressurization apparatus having reached the upper limit VPYR, the cut-off valve of said washing water outlet pipe is opened,

- pressurized biogas is passed to said pressurization apparatus through said biogas inlet pipe,

- the water level VP in the pressurization apparatus having reached the lower limit VPAR, the cut-off valve of said washing water outlet pipe is closed.

16. (new) Pressurization apparatus according to claim 15, where said biogas inlet pipe comprises a one-way valve to control the flow of said biogas.

17. (new) Pressurization apparatus according to claim 15, where biogas is fed with said biogas feeding means at a pressure of 1 to 100 at (gauge).

18. (new) Pressurization apparatus according to claim 15, where washing water is fed with said washing water pressurization device at a pressure of 10 to 600 at (gauge).

19. (new) Pressurization apparatus according to claim 15, where a carbon dioxide removal unit is connected to said pressurization apparatus.

20. (new) Pressurization apparatus according to claim 15, where said pressurization apparatus comprises one or more nebulizers for washing water.

21. (new) Pressurization apparatus according to claim 15, where said pressurization apparatus comprises two or more washing water pressurization devices.

22. (new) Pressurization apparatus according to claim 15, where one or more dryers for pressurized biogas is (are) connected to said pressurization apparatus.

23. (new) Pressurization apparatus according to claim 15, where the biogas inlet pipe comprises a one-way valve.

24. (new) Pressurization apparatus according to claim 15, where one or more pressure tanks for storage of said pressurized biogas is (are) connected to said pressurization apparatus.

25. (new) A method for pressurizing biogas, where biogas is pressurized by means of a pressurization apparatus comprising:

- a biogas inlet pipe having at least a biogas feeding means,

- a biogas outlet pipe having at least a cut-off means,

- a washing water inlet pipe having at least a washing water pressurization device,

- a washing water outlet pipe having at least a cut-off valve,

said apparatus being operated according to the following cycle:

- pressurized washing water is fed to the pressurization apparatus containing biogas using said washing water pressurization device,

- at least as the water level VP is lowered, purified biogas is passed through said cut-off means of said biogas outlet pipe,

- the water level VP in the pressurization apparatus having reached the upper limit VPYR, the cut-off valve of said washing water outlet pipe is opened,

- pressurized biogas is passed to said pressurization apparatus through said biogas inlet pipe,

- the water level VP in the pressurization apparatus having reached the lower limit VPAR, the cut-off valve of said washing water outlet pipe is closed.

26. (new) Method according to claim 25, where the feed of washing water is stopped as the water level VP has reached the upper limit VPYR.

27. (new) Method according to claims 25, where washing water is fed with said washing water pressurization device at a pressure of 10 to 600 at (gauge).

28. (new) Method for constructing a pressurization apparatus for biogas, where a pressurization apparatus is provided with:

- a biogas inlet pipe having at least a biogas feeding means,

- a biogas outlet pipe having at least a biogas cut-off means,

- a washing water inlet pipe having at least a washing water pressurization device,

- a washing water outlet pipe having at least a cut-off valve,

- manually operated and/or automatic control device to control said pressurization apparatus according to the method of claim 25.